



## Gulf of Mexico Harmful Algal Bloom Bulletin

4 September 2007

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: August 21, 2007

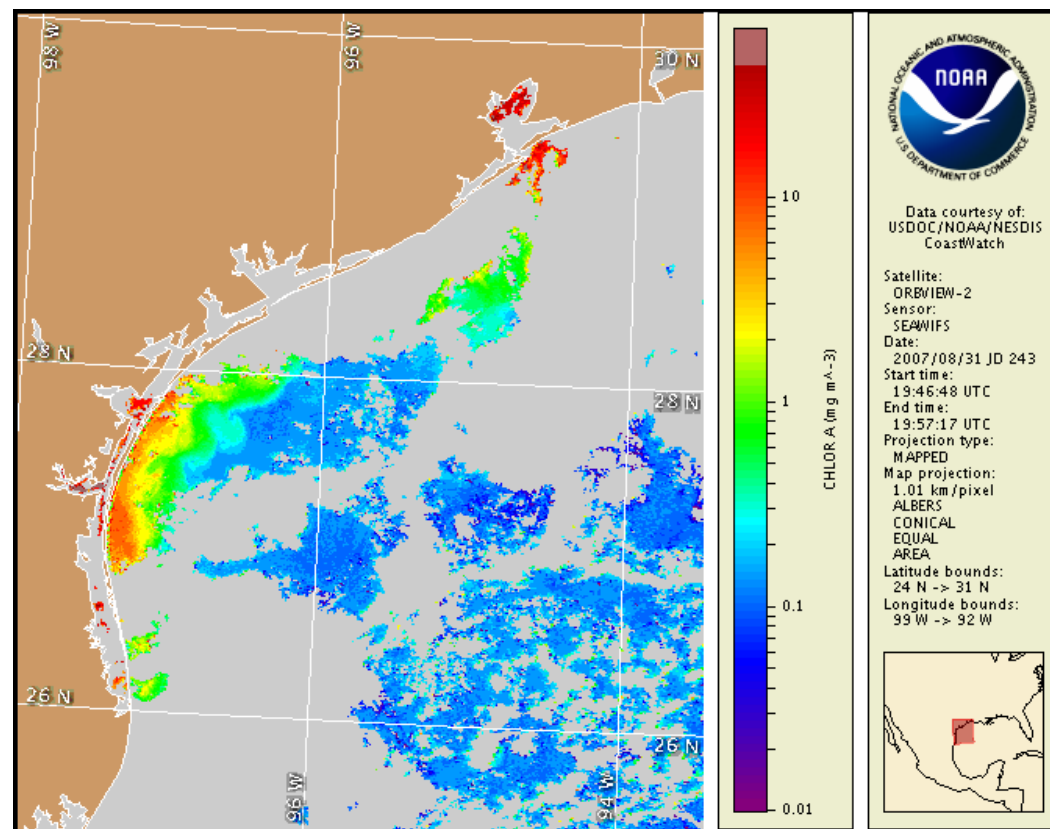
### Conditions Report

There have been no recent reports of red tide. No impact is expected in Texas.

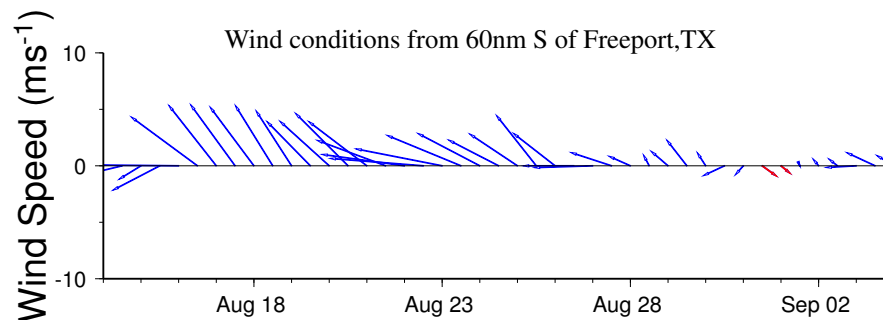
### Analysis

There appears to be a patch of high chlorophyll from northern Laguna Madre to offshore east of Corpus Christi, which coincides with reports of discolored water and throat irritation. According to Texas Parks and Wildlife Department, the discolored water is not due to *K. brevis*. An additional report of a fish kill over the weekend near Bolivar Peninsula, northeast of Galveston, was likely due to a combination of *Gymnodinium* and low dissolved oxygen and is not due to *K. brevis*. Imagery has been cloudy in this area.

Jewett, Tomlinson, Ransi



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from August 26-29 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: [http://www.csc.noaa.gov/crs/habf/habfs\\_bulletin\\_guide.pdf](http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf)

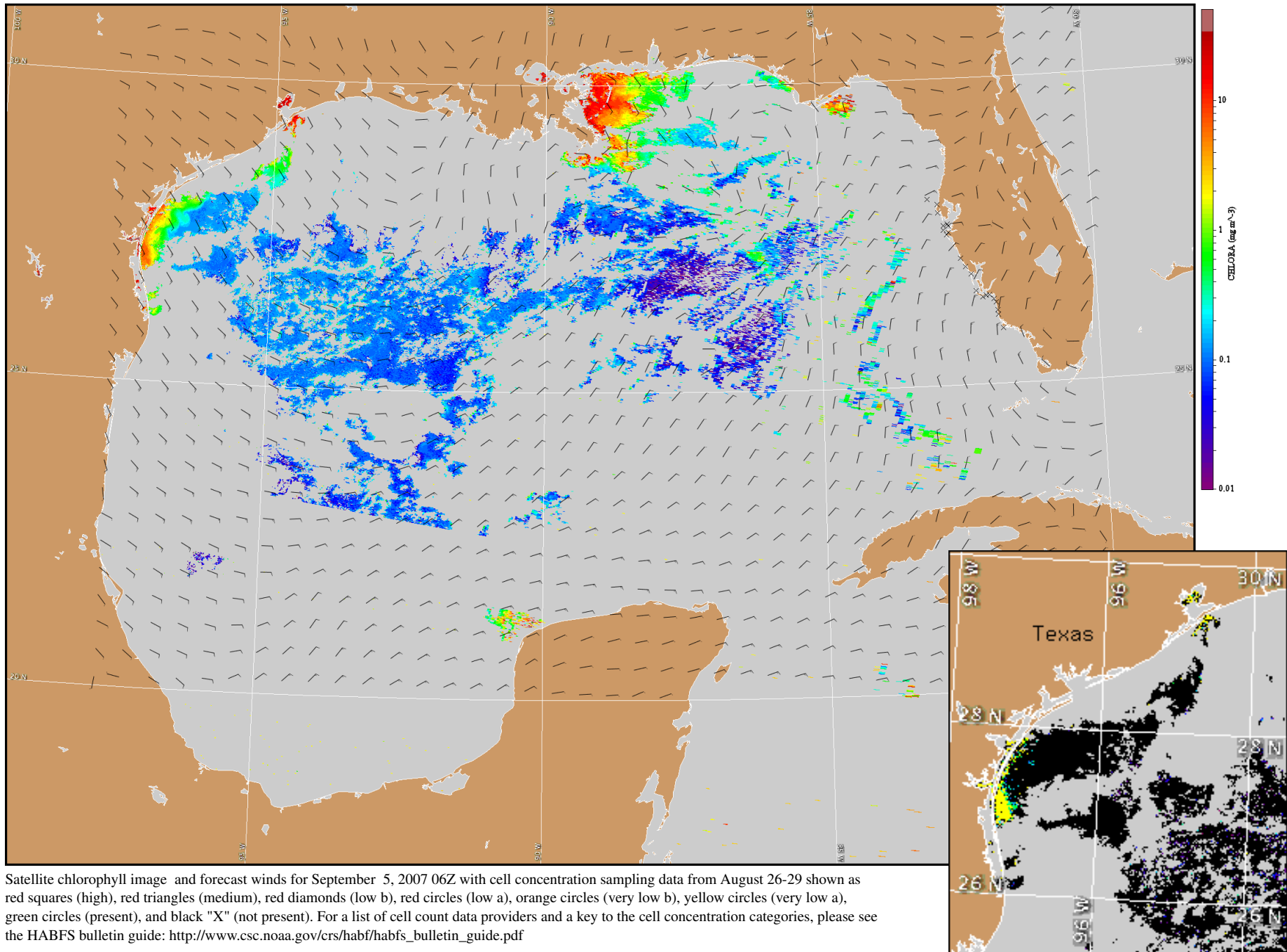


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

Today through Thursday, wind is from the southeast at 15-20 knots.

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1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.



Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).